

Area of impact: Business and employment

2. Many businesses have now become completely reliant on IT to enable their continued development. For example, some companies have no fixed office space, yet have been able to grow and gain a large share of their market. Their employees use IT to telework. This has had significant effects on the size and the nature of the companies. IT has also improved the working conditions for the employees who telework.

Domain names are also important to companies relying on IT and are often described as “virtual real estate”. Companies, such as *Toys “R” Us*, have been known to pay a considerable amount of money for a domain name (<http://www.toysrus.com>) because a well chosen domain name can be an asset.

- (a) For the following URL: <http://www.richmondtdaylor.co.uk/images/photo27.jpg>
- (i) identify the domain name *[1 mark]*
 - (ii) identify the file name. *[1 mark]*
- (b) (i) Describe **one** way a new company can register a new domain name. *[2 marks]*
- (ii) The domain name (<http://www.toysrus.com>) is held in a database on the Domain Name System (DNS) server as a unique IP address such as 192.16.172.12.
- Describe why a company would prefer to use a domain name for its web site rather than an IP address. *[2 marks]*
- (c) Explain **two** technical issues that must be addressed to enable a company to introduce teleworking for its employees. *[4 marks]*
- (d) To what extent has the change to teleworking been beneficial to both employers and employees? *[10 marks]*